

Undergraduate Summer Institute on Contemporary Topics in Applied Science

REFERENCE TO PROVIDE

May be shared upon request from the applicant

Name of Respondent _____
(type or print)

Title _____

Respondent's Institution _____

1. I have know applicant as (check as many as apply)

- ☐ as undergraduate
☐ research assistant
☐ other _____
(specify)

2. I have known him/her for a period of ____ years and/or ____ months.

3. I have served as his/her ☐ research adviser ☐ teacher in several classes ☐ department chairman ☐ employer
☐ major advisor ☐ teacher in only one class ☐ other

Reference Report on Applicant

Note: Applicant should type or print all information in this box

Date Due: _____

Name of Applicant: _____

Applicant's Field: _____

Institution: _____

City: _____

Applicant's Level: ☐ Sophomore ☐ Junior

To the Respondent: In the rating scaled below, please describe the applicant by checking, after each trait to be evaluated, the box that most nearly represents your opinion of him/her. Compare the applicant, on each item, with a representative group of students whom you have known during your professional career who have had approximately the same amount of experience and training as the applicant. If you feel that you lack sufficient knowledge to give a definite rating on any item, give your best estimate of his/her ability on that scale, and also check the boxes for "Inadequate Opportunity to Observe." Please be realistic in your assessments.

APPLICANT'S SCIENTIFIC ACHIEVEMENTS:

Note: A typical group of 100 students at his/her level and in his/her field might divide about like this →

4. His/her degree of mastery of the fundamental knowledge in his/her general field is:

5. His/her knowledge of, and ability to use, the basic laboratory techniques in his/her field are:

6. His/her ability to express himself/herself in speech and writing is:

Below Average	Average	Somewhat above average	Good	Unusual	Out-standing	Truly exceptional
Lowest 40%	Middle 20%	Next 15%	Next highest 15%	Next highest 5%	Highest 5%	

Inadequate opportunity to observe

APPLICANT'S CHARACTERISTICS:

Note: A typical group of 100 students at his/her level and in his/her field might divide about like this →

7. His/her self-reliance and independence in scientific work are:

8. His/her motivation toward a successful productive scientific career is:

9. His/her ethics or code of personal conduct are:

10. His/her emotional stability and maturity are:

11. His/her possession of a fertile imagination and originality in his/her field are:

12. His/her growth during the total period you have observed him/her has been:

Below Average	Average	Somewhat above average	Good	Unusual	Out-standing	Truly exceptional
Lowest 40%	Middle 20%	Next 15%	Next highest 15%	Next highest 5%	Highest 5%	

Inadequate opportunity to observe

13. Where does the applicant stand when compared with the better students currently in your department?

14. What are the applicant's most notable strengths?

15. What are the applicant's most limiting weaknesses?

16. In the space below, please add any descriptive comments which will assist in providing as complete a picture as possible of the applicant's abilities and potential as a scientist (particularly in applied sciences), including (where applicable) comments on such matters as versatility, competence to envision and plan sound significant research, and ability to make mature, sound, scientific judgments.

17. Summary Evaluation: Over-all Scientific Ability

Comparing the applicant with a representative group (see note below) of students in the same field who have had approximately the same amount of experience and training, how do you rate him/her in GENERAL ALL-AROUND SCIENTIFIC ABILITY?

0	1	2	3	4	5	6
Below Average	Average	Somewhat above average	Good	Unusual	Out-standing	Truly exceptional
Lowest 40%	Middle 20%	Next 15%	Next highest 15%	Next highest 5%	Highest 5%	

Inadequate opportunity to observe

Note: The educational level of the representative group with whom the applicant is compared is:

☐ College Juniors ☐ College Senior ☐ First Year Graduate Students

18. Among approximately _____ students at his/her present educational level whom I have known in the past _____ years, I would rank this applicant about _____ from the top in all-over scientific ability.

19. Some gifted individuals may make mediocre scholastic records. In your opinion, is the applicant's scholastic record, as you know it, an accurate index of his/her over-all scientific ability? ☐ Yes ☐ No ☐ Don't Know. (If you answer "No," please explain.)

20. Do you or do you not recommend applicant for the Undergraduate Summer Institute on Contemporary Topics in Applied Science? Please explain briefly why.

Address of Respondent _____

Phone number of Respondent _____ Email Address: _____

Signature of Respondent _____ Date _____

RETURN TO:

Undergraduate Summer Institute, Lawrence Livermore National Laboratory, Attention: Jody Quick
PO Box 808, L-268, Livermore, CA 94551-0808

MUST BE RECEIVED IN OUR OFFICE BY JANUARY 20, 2004

DO NOT RETURN TO APPLICANT